

BOROUGH OF MARGATE.

A N N U A L            R E P O R T

for the year

1942

on the

Health of Margate  
Vital Statistics and Sanitary Work

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by the

Medical Officer of Health  
G. L. BROCKLEHURST  
M.D.(Lond.), B.S., M.R.C.S., L.R.C.P., D.P.H.

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with which is included the

REPORT OF THE SANITARY INSPECTOR.

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Health Department,  
38, Grosvenor Place,  
Margate.

To His Worship the Mayor, and to the Aldermen and  
Councillors of the Borough of Margate.

Sir, Madam and Gentlemen,

I have the honour to present for your consideration the Annual Report on the Health Services of the town for the year 1942. The Report is compiled in accordance with Circular 2067 of the Ministry of Health which states that the Report should be confined to essential and urgent matters which have affected the Public Health during the period in question, especially in matters arising from or connected with the war.

The year 1942 was noteworthy for the remarkable absence of infectious disease in the town. Of the more serious types only two cases of scarlet fever were notified. Measles was prevalent for a short time but no deaths occurred from this disease. A Campaign, both in the National Press and through the town's Clinics and Schools, persuading parents to submit their children for immunisation against diphtheria, succeeded beyond all hope, and I have pleasure in reporting that at the end of 1942 90% of the children over one year of age had been immunised. Tuberculosis showed an increase in the number of cases notified. War time conditions, such as, overcrowding, sleeping in shelters, long working hours and irregular meals all tend to lower the individual's resistance to infection. Twenty-seven of the cases notified were of the lungs and four of other parts of the body. Hospital facilities for infectious cases were provided, as in previous years, by the Herno Bay & Whitstable Joint Hospital.

The supervision of the sanitary conditions of the town was carried out by Mr. J. Rattray, Chief Sanitary Inspector, single handed, but I am confident that no matter requiring attention was neglected.

The cheerfulness and fortitude of the population during the year helped the work of the Department and Welfare Centres to run as smoothly as possible with the depleted Staff available.

In conclusion, I should like to thank the Members of the Maternity and Health Committees and also the Emergency Committee for their help and support during the year.

My thanks are also due to the whole of the Staff, who have all worked loyally and with a will. As in 1941 the Department was carried on by the Chief Sanitary Inspector, the Chief Clerk and myself, with two Health Visitors and three Midwives.


I am, Sir, Madam and Gentlemen,  
Your obedient Servant,

G. L. BROCKLEHURST.

Medical Officer of Health.

May, 1944.





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STAFF OF THE HEALTH DEPARTMENT.

Medical Officer of Health, School Medical Officer and Borough  
Meteorologist:-

GEORGE L. BROCKLEHURST, M.D.(Lond.), B.S., M.R.C.S., L.R.C.P.,  
D.P.H.

Chief Sanitary Inspector:-

JOHN RATTRAY, M.R.San.Inst.

Additional Sanitary Inspectors:-

E. RIDSDALE, F.S.I.A. - Temporarily transferred to Maidstone 1/8/40.

E. BRAZIER, A.R.S.I. - Joined H. M. Forces 5/3/40.

C. CLARK, M.S.I.A. - Resigned 5/1/42.

Health Visitors:-

Miss E. GREEN, C.M.B.      Miss J. H. DAVIES, S.R.N. (part-time).

Clerks:-

Chief Clerk:- L. R. HUTCHINSON

F. COOPER - Temporarily transferred to Reading 15/7/40.

E. A. PRICE - Joined H. M. Forces 9/1/41.

Disinfectors:-

W. H. MARKHAM      C. F. SPAIN

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Town Clerk:-

PETER T. GROVE, LL.B.

Borough Surveyor:-

W. L. ARMSTRONG, B.Sc., A.M.I.C.E.

Waterworks Engineer:-

H. F. BRANDRAM-JONES, A.M.I.C.E.  
A.M.I.Mech.E., M.I.W.E.

Public Analyst:-

ERNEST M. HAWKINS, F.I.C. Canterbury.





## GENERAL STATISTICS 1942.

AREA:- 7,895 acres (including 963 acres foreshore)

RATEABLE VALUE:- £482,552.

Sum represented by a PENNY RATE:- £2,010-12-8d.

### EXTRACTS FROM VITAL STATISTICS OF THE YEAR 1942.

LIVE BIRTHS:- Legitimate - Male 104, Female 89, TOTAL 193  
Illegitimate - Male 7, Female 6, TOTAL 13  
Rate per 1,000 population - 14.3

STILLBIRTHS:- Legitimate - Male 3, Female 3, TOTAL 6  
Illegitimate - Male - Female - TOTAL -  
Rate per 1,000 total Births - 28.3

DEATHS:- Male 140 Female 132, TOTAL 272.

BIRTH RATE (R.G.): - 14.7 per 1,000.

DEATH RATE (R.G.): - 18.9 per 1,000.

Number of Women dying in or in consequence of childbirth:-

From Sepsis:- Nil. From other Causes:- Nil.

Deaths of INFANTS under 1 year of age per 1,000 Live Births:-

Legitimate:- 36.3 Illegitimate:- Nil TOTAL:- 33.9

Deaths from MEASLES:- Nil.

Deaths from WHOOPING COUGH:- Nil.

Deaths from DIARRHOEA (under 2 years of age):- Nil.

### VITAL STATISTICS.

#### Birth Rate.

The number of Births registered during the year was 212 (114 males and 98 females), and of this total 6 were stillbirths (3 males and 3 females). There were 13 illegitimate births (7 males and 6 females).

The total birth rate is 14.7 per 1,000 and the rate of illegitimate births 0.9 per 1,000 estimated population.

The notification of births is well carried out in the town, and the following figures show by whom notification was made:-

Municipal Midwives 145, Private Midwives 13, Practitioners 11  
At Emergency Maternity Homes in a Reception Area 29.

#### Death Rate.

The number of deaths registered during the same period was 272 (140 males and 132 females).

The total death rate is 18.9 per 1,000.

The principal causes of death were:-

Malignant Disease	45	Heart Disease	74
Tuberculosis	13	Cerebral Haemorrhage	32
Nephritis	7	Pneumonia	8
Bronchitis	19		





## Infantile Mortality.

The number of infants who died under the age of one year was 7 (5 males and 2 females). The infantile mortality rate is therefore 33.9 per 1,000 live births. This figure compares favourably with that for England and Wales, which is 49.

## Laboratory Facilities.

The Kent County Council at Maidstone carry out pathological and bacteriological work, which is used extensively by the Corporation and by the Medical Practitioners in the town.

<u>Nature of Examination</u>	<u>Positive</u>	<u>Negative</u>	<u>TOTAL</u>
Examination for Haemolytic Streptococci ... ..	2	6	8
Widal reaction in cases of suspected Typhoid Fever. ...	-	1	1
Sputum examinations for Tuberculosis ... ..	10	2	12
TOTALS. ... ..	12	9	21

The chemical analyses of specimens are carried out by Mr. E. M. Hawkins of Canterbury, who is also the Public Analyst for the Corporation.

## Nursing Homes.

No. of applications for registration during the year 1942 ... ..	Nil.
No. of Homes registered during the year. ...	Nil.
No. of orders made refusing or cancelling registration. ... ..	Nil.

At the end of the year there was 1 Nursing Home on the register.

## Clinics.

### (a) Infant Welfare Centres.

Total attendances of Mothers. ... ..	5,388
Total attendances of Babies.. ... ..	5,956
Consultations by Medical Officer of Health	193
No. of Babies' weighings recorded.. ... ..	5,956

### (b) Ante-Natal Clinics:-

No. of Mothers who attended for first time	203
Total No. of attendances ... ..	590
No. of Consultations by the Doctor. ...	271

### (c) Post-Natal Clinics:-

No. of mothers seen ... ..	Nil.
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### (d) Advisory Clinic:-

No. of women seen ... ..	Nil.
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## Health Visiting.

No. of visits to Babies and Children under 5 years of age ... ..	4,164
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Deaths of "Residents" in Margate whether occurring in or  
beyond the District during 1942.

CIVILIANS ONLY.

Cause of Death					Males	Females
1.	Typhoid and Paratyphoid Fevers	...	...	.	-	-
2.	Cerebro-Spinal Fever...	...	...	.	-	-
3.	Scarlet Fever	...	...	.	-	-
4.	Whooping Cough...	...	...	.	-	-
5.	Diphtheria.	...	...	.	-	-
6.	Tuberculosis of Respiratory System.	...	...	.	9	4
7.	Other forms of Tuberculosis..	...	...	.	-	-
8.	Syphilitic diseases	...	...	.	-	-
9.	Influenza..	...	...	.	-	2
10.	Measles	...	...	.	-	-
11.	Acute Poliomyelitis and polio-encephalitis	...	...	.	-	-
12.	Acute infective encephalitis.	...	...	.	-	-
13.	Cancer of buc. cav. & Oesoph.(M) Uterus (F)	...	...	.	2	4
14.	Cancer of stomach and duodenum	...	...	.	4	3
15.	Cancer of Breast.	...	...	.	-	5
16.	Cancer of all other sites	...	...	.	17	10
17.	Diabetes...	...	...	.	-	3
18.	Intracranial vascular lesions	...	...	.	12	20
19.	Heart Disease	...	...	.	44	30
20.	Other diseases of circulatory system	...	...	.	5	9
21.	Bronchitis.	...	...	.	7	12
22.	Pneumonia..	...	...	.	5	3
23.	Other respiratory diseases...	...	...	.	-	-
24.	Ulcer of stomach or duodenum.	...	...	.	2	2
25.	Diarrhoea (under 2 years)	...	...	.	-	-
26.	Appendicitis	...	...	.	-	-
27.	Other digestive disorders	...	...	.	5	7
28.	Nephritis..	...	...	.	5	2
29.	Puerperal and post-abortion sepsis.	...	...	.	-	-
30.	Other maternal causes..	...	...	.	-	-
31.	Premature birth..	...	...	.	2	1
32.	Congenital malformation, birth injuries, infant diseases	...	...	.	1	1
33.	Suicide	...	...	.	1	1
34.	Road Traffic accidents.	...	...	.	2	-
35.	Other violent causes...	...	...	.	8	2
36.	All other causes.	...	...	.	9	11
All causes..					140	132
Deaths of Infants under 1 year					(Total 5 (Legitimate 5 (Illegitimate -	2 2 -
Live Births					(Total 111 (Legitimate 104 (Illegitimate 7	95 89 6
Still Births					(Total 3 (Legitimate 3 (Illegitimate -	3 3 -





PREVALENCE OF, AND CONTROL OVER  
INFECTIOUS AND OTHER DISEASES.

Notifiable Diseases during the year 1942.

D I S E A S E	Total Cases Notified	Cases admitted to Hospital	Total Deaths
Scarlet Fever..     ...     ...	2	1	-
Diphtheria     ...     ...     ...	-	-	-
Enteric Fever (including paratyphoid).     ...     ...	-	-	-
Puerperal Pyrexia     ...     ...	4	4	-
Pneumonia     ...     ...     ...	2	-	8
Erysipelas     ...     ...     ...	-	-	-
Cerebro Spinal Fever.     ...	-	-	-
Measles..     ...     ...     ...	95	-	-
Whooping Cough.     ...     ...	16	-	-
Tuberculosis:-			
Pulmonary...     ...     ...	18	-	13
Non-pulmonary     ...     ...	1	-	-

For analysis under age groups see separate tables.

T U B E R C U L O S I S .

	NEW CASES				DEATHS			
	Pulmonary		Non-pulmonary		Pulmonary		Non-pulmonary	
	M	F	M	F	M	F	M	F
Under 1	-	-	-	-	-	-	-	-
1- 5	-	-	-	-	-	-	-	-
5-15	2	1	1	-	-	-	-	-
15-25	3	2	-	-	1	2	-	-
25-35	3	1	-	-	1	1	-	-
35-45	1	2	-	-	1	-	-	-
45-55	-	1	-	-	4	1	-	-
55-65	-	1	-	-	2	-	-	-
Over 65	-	1	-	-	-	-	-	-
TOTALS	9	9	1	-	9	4	-	-

Of the total 13 deaths from Tuberculosis 8 cases were not notified.





**BOROUGH OF MARGATE.**  
**Cases of Infectious Diseases notified during the year 1942 in the Margate District.**

	Number of cases notified											65 and over
	Under 1 year	1-2	2-3	3-4	4-5	5-10	10-15	15-20	20-35	35-45	45-65	
Scarlet Fever..    ...    ...	-	-	-	-	-	1	1	-	-	-	-	-
Diphtheria    ...    ...	-	-	-	-	-	-	-	-	-	-	-	-
Enteric Fever (including paratyphoid)    ...    ...	-	-	-	-	-	-	-	-	-	-	-	-
Puerperal Pyrexia    ...    ...	-	-	-	-	-	-	-	-	4	-	-	-
Pneumonia    ...    ...	-	-	-	-	-	-	-	-	-	-	-	2
Erysipelas    ...    ...	-	-	-	-	-	-	-	-	-	-	-	-
Cerebro Spinal Fever.    ...    ...	-	-	-	-	-	-	-	-	-	-	-	-
Measles..    ...    ...	2	5	7	6	19	53	-	1	2	-	-	-
Whooping Cough.    ...    ...	1	-	1	1	2	11	-	-	-	-	-	-
Tuberculosis:- Pulmonary Non-Pulmonary	- - -	- - -	- - -	- - -	- - -	1 1 1	1 1 2	2 2 4	4 1 5	1 2 3	- 2 2	- 1 1 - - -
(Males (Females (TOTAL	-	-	-	-	-	1	1	2	4	1	2	-
(Males (Females (TOTAL	-	-	-	-	-	1	-	-	-	-	-	-



## Deaths from Infectious Diseases during 1942.

D I S E A S E	Number of Deaths notified.											
	Under 1 year	1-2	2-3	3-4	4-5	5-10	10-15	15-20	20-35	35-45	45-65	65 and over
Scarlet Fever..     ...     ...	-	-	-	-	-	-	-	-	-	-	-	-
Diphtheria     ...     ...	-	-	-	-	-	-	-	-	-	-	-	-
Enteric Fever (including paratyphoid)     ...     ...	-	-	-	-	-	-	-	-	-	-	-	-
Puerperal Pyrexia     ...     ...	-	-	-	-	-	-	-	-	-	-	-	-
Pneumonia     ...     ...	-	-	-	-	-	-	-	-	-	-	2	6
Erysipelas     ...     ...	-	-	-	-	-	-	-	-	-	-	-	-
Cerebro Spinal Fever.     ...     ...	-	-	-	-	-	-	-	-	-	-	-	-
Tuberculosis:-	-	-	-	-	-	-	-	-	2	1	6	-
(Males	-	-	-	-	-	-	-	1	2	-	1	-
(Females	-	-	-	-	-	-	-	1	2	1	7	-
(TOTAL	-	-	-	-	-	-	-	-	4	-	-	-
Non-Pulmonary	-	-	-	-	-	-	-	-	-	-	-	-
(Males	-	-	-	-	-	-	-	-	-	-	-	-
(Females	-	-	-	-	-	-	-	-	-	-	-	-
(TOTAL	-	-	-	-	-	-	-	-	-	-	-	-





## SANITARY INSPECTION OF THE DISTRICT.

The information contained in this part of the Report has been prepared by the Chief Sanitary Inspector.

No. of Inspections carried out during the year.

No. of Dwelling Houses under the Public Health Acts	...	897
No. of Dwelling Houses under Housing Acts	...	79
Houses Let in Lodgings	...	17
Factories	...	102
Bakehouses	...	42
Cowsheds & Dairies	...	91
Slaughter Houses	...	260
Offensive Trades	...	7
Stables	...	7
Nuisances from Animals	...	19
Premises with regard to Rats	...	219
Courts, Back Roads, etc.	...	106
Shops and Food Stores	...	234
Restaurant Kitchens	...	27
Cinemas, etc.	...	7
No. of Visits re Notifiable and Non-notifiable Diseases	...	25
Billets	...	104
Civil Defence - General	...	184
Other Inspections and Visits	...	267
Total Inspections	...	2694
Total Re-inspections	...	677

### NOTICES SERVED.

No. of Complaints received and investigated	...	247
No. of Notices and Letters sent with respect to matters requiring attention under Public Health Acts, etc.	...	235
No. of Statutory Notices served	...	2

### DESCRIPTION OF WORK CARRIED OUT.

#### Houses.

Cleansed and Limewashed	...	34
Bedding cleansed	...	27
Yards cleansed	...	28
Vermin eradicated	...	57
New floors laid or repaired	...	18
Plaster on walls or ceilings repaired	...	38
Roofs repaired	...	30
Sash cords renewed and frames repaired	...	22
Kitchen ranges or coppers repaired or renewed	...	20
Rain-water pipes or gutters repaired or renewed	...	21
New sinks fixed	...	2
Waste pipes trapped or renewed	...	10
Yard paving repaired or renewed	...	10
Accumulations of rubbish removed	...	48
Nuisances abated from keeping animals	...	7
Water services renewed	...	27
Dilapidated sheds demolished	...	4
Overcrowding abated	...	2

#### Dustbins.

No. provided on service of preliminary notices	...	19
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Drainage.

No. of houses where drainage was partly reconstructed	11
No. of houses where defective drains were repaired	25
New Inspection Chambers built ... ..	8
New gullies fixed ... ..	18
Defective soil and vent pipes repaired or renewed...	10
Drains unstopped and cleansed ... ..	59
Cesspools - Nuisances abated ... ..	7

Water Closets.

Reconstructed or repaired... ..	16
Washdown W.C. pans provided. ... ..	20
New cisterns fixed ... ..	12
Cisterns repaired and put in order ... ..	25
Flush pipes fixed or renewed ... ..	19
W.C's cleansed and limewashed ... ..	33

Houses let in Lodgings.

Cleansed and limewashed ... ..	4
Sanitary defects remedied... ..	5
Miscellaneous... ..	3

Bakchouses.

Cleansed and limewashed ... ..	6
Sanitary defects remedied... ..	3
Miscellaneous... ..	4

Factories.

Cleansed and limewashed ... ..	5
W.C's cleansed and limewashed ... ..	3
Miscellaneous... ..	2

Restaurants.

Kitchens cleansed and limewashed.. ...	6
Sanitary defects remedied... ..	5
Insanitary underground kitchens discontinued.. ...	1

Shops and other Food Stores.

Cleansed and limewashed ... ..	10
Sanitary defects remedied... ..	6
Washing accommodation provided ... ..	2
W.C's cleansed.. ...	9
Separate sanitary accommodation provided ... ..	1
Miscellaneous... ..	3

Offensive Trades.FISH FRIERS

Cleansed and Limewashed ... ..	1
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Cowsheds.

Cleansed and limewashed ... ..	4
Sanitary defects remedied... ..	5



Dairies and Milkshops.

Defects remedied under Milk & Dairies Order...	...	3
Cleansed and limewashed ... ..	...	2

Stables.

Cleansed and limowashed ... ..	...	2
Accumulations of manure removed...	...	3

Cinemas, etc.

Sanitary accommodation cleansed...	...	3
Sanitary accommodation improved...	...	1

Licensed Premises.

Urinals cleansed and limewashed...	...	4
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Smoke Nuisance.

No. abated ... ..	...	1
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Rats Act.

Premises treated ... ..	...	92
Lands treated...	...	86

Civil Defence.

Air Raid Shelters cleansed..	...	13
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<u>Miscellaneous</u> ... ..	...	30
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DISINFECTION.

Total No. of infected houses disinfected ... ..	55
Total No. of infected rooms disinfected. ... ..	29
No. of houses disinfected after Consumption..	14
No. of rooms disinfected after Consumption...	14

No. of articles disinfected:-

Bolsters 55	Mattresses 129	Pillows 175
Blankets 319	Rugs 2	Miscellaneous 189
Making a total of ... ..		869.





INSPECTION OF MEAT AND OTHER FOODS.

The following table shows the amount of unsound food dealt with during the year 1942:-

Description	Disease	Weight in lbs.
<u>Unsound Meat.</u>		
4 Pigs' Carcases	Generalised Tuberculosis	359
1 Pig's Carcase	Peritonitis	196
2 Pig's Forequarters	Localised Tuberculosis	68
17 Pigs' Heads	Localised Tuberculosis	256 $\frac{1}{2}$
8 Pigs' Livers	Cirrhosis	39
2 Pigs' Plucks	Inflammation	20
3 Pigs' Plucks	Localised Tuberculosis	25
Offal	Localised Tuberculosis	10
1 Pig's Lungs	Localised Tuberculosis	3
1 Side of Beef	Emaciation	83
1 Sirloin of Beef	Bone Taint	18
1 Leg of Pork	Bone Taint	17
<u>Unsound Fish.</u>		
Herrings	Unsound	196
<u>Miscellaneous.</u>		
Tinned Meat	Unsound	254 $\frac{3}{4}$
Tinned Fish	"	38
Tinned Fruit and Vegetables	"	154 $\frac{3}{4}$
Tinned Milk	"	73
Other Tinned Foods	"	31
Sausages	"	48
Imported Beef	"	17
Pickles and Pastes	"	36
Bacon	"	42 $\frac{1}{2}$
Cheese	"	127 $\frac{1}{2}$
Butter	"	54 $\frac{3}{4}$
Cereals	"	59 $\frac{3}{4}$
189 Eggs	"	23 $\frac{1}{2}$
Jam	"	26
Oranges	"	242
Apples	"	4
Chocolate	"	3

Approximate weight of unsound food 1 ton 2 cwt. 2 qrs. 14 lbs.

Total animals killed during 1942:- Pigs - 2,400

FOOD AND DRUGS (ADULTERATION) ACT, 1928.

During the year 48 samples of various Foods and Drugs were obtained and submitted to the Public Analyst, Mr. E. M. Hawkins at Canterbury.





Description and numbers of samples taken:-

Nature of Sample	Adulterated	Genuine	Informal	Formal	TOTAL
Baking Powder ...	-	1	1	-	1
Butter... ..	-	2	-	2	2
Castor Oil ...	-	1	1	-	1
Cocoa ... ..	-	1	1	-	1
Coffee... ..	-	1	1	-	1
Coffee Essence. ....	-	1	-	1	1
Custard Powder. ....	-	1	-	1	1
Egg Substitute. ....	1	3	-	4	4
Flour ... ..	-	1	1	-	1
Flour (Self Raising). ....	-	1	1	-	1
Lemon Substitute ...	-	1	-	1	1
Milk ... ..	-	21	-	21	21
Margarine ... ..	-	2	-	2	2
Lard ... ..	-	2	-	2	2
Oatmeal.. ... ..	-	1	1	-	1
Saccharine ... ..	-	1	-	1	1
Sausage Meat... ..	-	4	-	4	4
Vinegar.. ... ..	-	2	-	2	2
TOTALS ... ..	1	47	7	41	48

It will be seen from the above statement that 47 samples were reported to be genuine and 1 adulterated, which gives a percentage of 2.1 of adulteration.

ADMINISTRATIVE ACTION REGARDING SAMPLES  
REPORTED NOT TO BE GENUINE.

No. of sample	Nature of Sample	Result of Analysis	Remarks
49	Egg substitute	Vegetable matter in combination with soda	Vendor warned not to sell.

LEGAL PROCEEDINGS.

It was not found necessary to take any legal proceedings during the year.

INSPECTION AND SUPERVISION OF FOOD.

MILK SUPPLY.

The number of producers and purveyors of milk on the register are shown in the following table.

No. of Producer Farms within the district	10
No. of Producers of "Accredited" Milk	6
No. of Producers of "Tuberculin Tested" Milk	2
No. of Retail Purveyors	11
No. of Registered Dairy Premises	10

The following are the results of samples of Milk which have been submitted for bacteriological examination during the year:-

Tuberculin Tested	7	1 failed to conform to standard.
Accredited	25	6 failed to conform to standard.
Pasteurised	2	Satisfactory.
Ordinary	10	4 were below standard.



MEAT.CARCASES INSPECTED AND CONDEMNED.

	Cattle excluding Cows	Cows	Calves	Sheep and Lambs	Pigs
Number killed.. ...	-	-	-	-	2400
Number inspected ...	-	-	-	-	2400
All diseases except Tuberculosis:-					
Whole carcasses condemned	-	-	-	-	1
Carcasses of which some part or organ was condemned... ...	-	-	-	-	10
Percentage of the number inspected affected with disease other than Tuberculosis..	-	-	-	-	.46
Tuberculosis only:-					
Whole carcasses condemned	-	-	-	-	4
Carcasses of which some part or organ was condemned ... ...	-	-	-	-	24
Percentage of the No. inspected affected with Tuberculosis. ...	-	-	-	-	1.17



